

I-70 TRAFFIC & REVENUE STUDY ISSUES TASK FORCES

TUNNEL COST ESTIMATE Workgroup MEETING MINUTES #2

- **Meeting Date:** **October 29,2013** ► **Time:***10AM*
- **Meeting Place:** *Conference Call*
- **Distribution / Attendees (^):**
- | | | | | | |
|-----------------------------------|--------------------------------------|---|-------------------|-----------------------------------|------------------------------|
| ^ Brad Doyle

^ Peggy Ganse | Parsons

Shannon & Wilson (SW) | ^ John Crowder
Ralph Trapani
Red Robinson | Parsons

SW | ^ Howard Hume

Mark Vessely | Yeh and Associates

SW |
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	Technical Issue/Challenge	Solution	Client Benefits
1.	Refine Portal locations EJMT	East portal, refine & optimize to avoid landslide & minimize tunnel length	Avoid tunneling through landslide Economize/optimize length
2.	Optimize tunnel alignment and excavation method	Use 2 diameters for minimum pillar width, assume SEM technique	More economical tunneling Shorter cross passages

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Meeting Notes
New Business
Topic #1 – Tunnel alignment EJMT <ul style="list-style-type: none">○ Optimize north bore alignment by developing alignment based on 2 diameter pillar width○ Refine east portal to north to avoid slide/optimize length○ Evaluate cross passage length and spacing
Topic #2 – Action Item Review DONE attached
Topic #3 – Twin Tunnels <ul style="list-style-type: none">• Use data and section from Current project
Topic #4 – Coordination with other Task Forces <ul style="list-style-type: none">○ Brad Doyle/Dennis Gonzales to continue coordination with roadway task force
Action Item Register attached.

These notes are an interpretation of discussions held. Please provide any additions or corrections to the originator within seven days of the date signed, otherwise they will be assumed correct as written.

► Prepared By: Ralph Trapani

Date: 10/29/13

Next Meeting: TIME & DATE TBD

ACTION ITEM REGISTER

► Updated 10/29/13

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